

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of

MIZUTANI

Serial No.: 09/694,345

Filed: October 24, 2000

For: METHOD OF MANUFACTURING SPARK  
PLUG WITH NOBLE METAL CHIP FOR  
INTERNAL COMBUSTION ENGINE



Atty. Ref.: 2018-496

Group: 2879

Examiner: Unassigned

Honorable Commissioner of  
Patents and Trademarks  
Washington, DC 20231

Sir:

**REVOCATION, NEW POWER OF ATTORNEY  
AND CHANGE OF ADDRESS**

Assignee, the owner of the above-identified patent, hereby appoints Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoa, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097; Gary T. Tanigawa, 43180 of the firm of Nixon & Vanderhye P.C., 1100 North Glebe Road, 8<sup>th</sup> Floor, Arlington, VA 22201-4714, telephone (703) 816-4000, facsimile (703) 816-4100, to transact all business in the Patent and Trademark Office in connection therewith. Every attorney at law associated with that law firm is hereby authorized to sign any paper or conduct any business on its behalf. Assignee hereby revokes all powers of attorney previously granted with respect to the subject patent.

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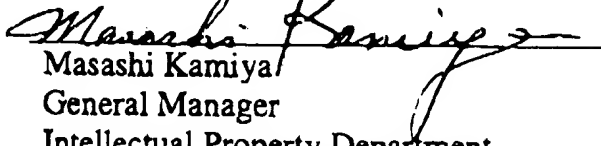
DENSO Corporation, a corporation having a place of business at 1-1 Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached and/or recorded at the United States Patent Office on October 24, 2000 at Reel 011253, Frame 0263.

The undersigned (whose title is typed below) is empowered to sign this statement on behalf of DENSO Corporation.

All correspondence regarding the above-identified patent is to be sent to:

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DENSO CORPORATION

By:   
Name: Masashi Kamiya  
Title: General Manager  
Intellectual Property Department

Date: April 3, 2002



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JANUARY 23, 2001

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G. LLOYD KNIGHT  
1100 NEW YORK AVE. NW  
9TH FLOOR  
WASHINGTON, DC 20005-3918



\*101524176A\*

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RECORDATION DATE: 10/24/2000

REEL/FRAME: 011253/0263  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MIZUTANI, AKIHIKI

DOC DATE: 10/02/2000

ASSIGNEE:

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1-1 SHOWA-CHO  
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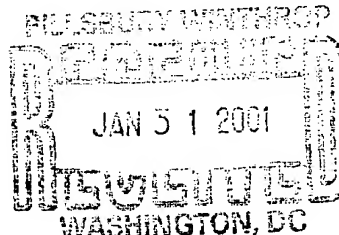
SERIAL NUMBER: 09694345

PATENT NUMBER:

FILING DATE: 10/24/2000

ISSUE DATE:

REGINA COATES-WHITE, SUPERVISOR  
ASSIGNMENT DIVISION  
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1. NAME OF CONVEYING PARTY(IES) ASSIGNORS(S):

1. MIZUTANI, Akihiki

3.

5.

7.

2.

4.

6.

8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1 Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)
☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST  
☒ ORIGINAL ☐ FACSIMILE/PHOTOCOPY  
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION  
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: October 2, 2000

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) October 2, 2000

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
NEW APPLICATION	274421				

5. Name & Address of Party to Whom Correspondence  
Concerning Document Should be Mailed:

Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
1100 New York Avenue, NW  
Ninth Floor  
Washington, DC 20005-3918

6. NUMBER INVOLVED:

APPLNS 0 + PATS 0 = TOTAL

1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 274421

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274421

MATTER NO.

CLIENT REF.

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CLIENT NO.

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9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	2
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Signature

Attorney: G. Lloyd Knight

Reg. No. 17698

Atty/Sec: GLK/mhn

TEL: (202) 861-3090

Date: October 24, 2000

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

10/26/2000 VYANG1 00000033 09694345

02 FC:581

40.00 DP

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USA Patent Appln.  
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J. Dkt. 274421 54586-US-HH  
M# Client Ref.

NONPROVISIONAL

## ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT  
NAME(S) OF  
INVENTOR(S)

(1) Akihiko Mizutani	(4)
(2)	(5)
(3)	[ ] x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT  
NAME(S) OF  
ASSIGNEE(S)  
& ADDRESS(ES)

DENSO CORPORATION
1-1 Showa-cho, Kariya-city
Aichi-pref., 448-8661 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF  
INVENTION

METHOD OF MANUFACTURING SPARK PLUG WITH NOBLE METAL CHIP FOR INTERNAL COMBUSTION ENGINE
--

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE -->  
(Complete  
line A, B and/or C)

- (A) ☒ even date herewith  
(B) ☐ on \_\_\_\_\_  
(C) ☐ in U.S. Appln. No. \_\_\_\_\_ / \_\_\_\_\_ filed \_\_\_\_\_

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE --> The undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR(S)

DATE SIGNED

WITNESSES

1) <u>Akihiko Mizutani</u>	<u>October 2, 2000</u>	<u>[Signature]</u>
Name: Akihiko Mizutani		
2)		
Name:		
3)		
Name:		
4)		
Name:		
5)		
Name:		

IF ADDITIONAL INVENTORS, check box ☐ and continue on page 2.